

FORM PTO-1449  
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.

20784/6

SERIAL NO.

10/082,001

APPLICANT(S): Hans-Ulrich Demuth et al.

FILING DATE:  
February 22, 2002ART UNIT:  
1653

## UNITED STATES PATENT DOCUMENTS

EXAM. INITIAL		DOCUMENT NUMBER	DATE	INVENTOR	CLASS	SUB CLASS	FIL. DATE IF APPR
CMK	AA	5,705,483	01/06/1998	Galloway et al.	514	12	
	AB	5,827,898	10/27/1998	Khandwala et al.	514	734	
	AC	6,201,132 B1	03/13/2001	Jenkins et al.	548	535	04/21/99
	AD	6,303,661 B1	10/16/2001	Demuth et al.	514	866	04/24/97
	AE	6,500,804 B2	12/31/2002	Demuth et al.	514	19	12/31/02
	AF	6,319,893 B1	11/20/2001	Demuth et al.	514	2	11/20/01
	AG	6,011,155	01/04/2000	Villhauer	544	333	
	AH	6,107,317	08/22/2000	Villhauer	514	365	
	AI	6,110,949	08/29/2000	Villhauer	514	365	
	AJ	6,124,305	09/26/2000	Villhauer	514	272	
	AK	6,172,081	01/09/2001	Damon	514	307	
CMK	AL	6,548,481 B1	04/15/2003	Demuth et al.	514	19	11/28/00
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRAN Y/N
CMK	BA	WO 99/61431	12/02/1999	PCT	<del>E07D</del>	<del>277/04</del>	Abstract Only-
	BB	EP 1 130 022 A1	09/15/2001	EPO	<del>E07D</del>	<del>498/09</del>	Y
	BC	WO 01/32624 A1	05/10/2001	PCT	<del>C07D</del>	<del>217/04</del>	Y
	BD	WO 01/09169 A2	02/08/2001	PCT	<del>E07K</del>	<del>51062</del>	Y
CMK	BE	WO 01/94310 A1	12/13/2001	PCT	<del>E07D</del>	<del>209/12</del>	Y

Examiner:

Date:

10/25/04

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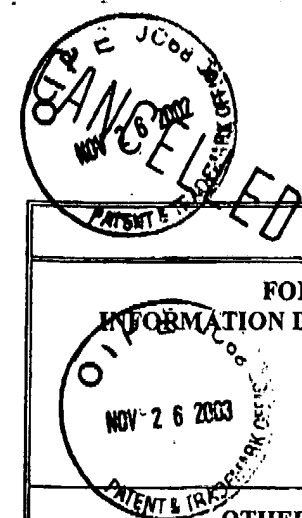
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	BF	DE 198 26 972 A1	12/23/1999	Germany	A61K	38/05	N
CMK	BG	WO 01/97808	12/27/2001	PCT	A61K	31/425	Y
	BH	WO 01/34594 A1	05/17/2001	PCT	C07D	401/06	Y
	BI	WO 00/10549	03/02/2000	PCT	A61K	31/00	Y
	BJ	WO 01/74299 A2	10/11/2001	PCT	A61K		Y
	BK	WO 02/20825 A1	03/14/2002	PCT	C12Q	1/00	Y
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CMK	BM	WO 99/62914	12/09/1999	PCT	C07F	5/02	Y

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CMK	CA	Bergmeier, Stephen C., <u>Tetrahedron</u> , Elsevier Science Ltd., "The Synthesis of Vicinal Amino Alcohols", Vol. 56, No. 17, (2000), pages 2561-2576.
	CB	Kawamoto et al., <u>Tetrahedron Asymmetry</u> , Elsevier Science Ltd., "Enantioselective Synthesis of $\beta$ -Hydroxy Amines and Aziridines Using Asymmetric Transfer Hydrogenation of $\alpha$ -Amido Ketones", Vol. 11, No. 16 (2000), pages 3257-3261.
	CC	Orskov, Cathrine et al., "Proglucagon Products in Plasma of Noninsulin-dependent Diabetics and Nondiabetic Controls in the Fasting State and after Oral Glucose and Intravenous Arginine" <u>J. Clin. Invest.</u> , Vol. 87, 1991, pages 415-423.
	CD	Reinhold, D. et al., <u>Journal of Neuroimmunology</u> , "Inhibitors of Dipeptidyl Peptidase IV/CD26 Suppress Activation of Human MBP-Specific CD4 + T Cell Clones", (1998) 87: 203-209.
	CE	Sengupta, et al., <u>Tetrahedron Letters</u> , Elsevier Science Ltd., "Amino Acid Derived Morpholine Amides for Nucleophilic $\alpha$ -Amino Acylation Reactions: A New Synthetic Route to Enantiopure $\alpha$ -Amino Ketones", Vol. 40, No. 21 (1999), pages 4107-4110.
	CF	Stöckel-Maschek, A., et al., <u>Biochimica et Biophysica Acta</u> , "Thioxo Amino Acid Pyrrolidides and Thiazolidides: new Inhibitors of Proline Specific Peptidases", (2000) 1479: 15-31.
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CMK	CH	Mentlein et al., <u>Eur. J. Biochem</u> , Dipeptidyl-Peptidase IV Hydrolyses Gastric Inhibitory Polypeptide, Glucagon-Like Peptide-1(7-36)Amide, Peptide Histidine Methionine and is Responsible for Their Degradation in Human Serum. (1993), 214, pages 829-835.

**Examiner:** *[Signature]* **Date:** 10/25/04



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OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)			
CI	Wen-Tien Chen et al. "Seprase Complexes in Cellular Invasiveness", <i>Cancer and Metastasis Reviews</i> 22: 259-269, (2003).		
CJ	Victor A. Gault et al., "Glucose-Dependent Insulinotropic Polypeptide Analogues and Their Therapeutic Potential for the Treatment of Obesity-Diabetes", <i>Biochemical and Biophysical Research Communications</i> 308: 207-213, (2003).		
CK	Augustyns et al., <i>Eur. J. Med. Chem.</i> , "Pyrrolidides: Synthesis and Structure-Activity Relationship as Inhibitors of Dipeptidyl Peptidase IV", (1997), vol. 32, pages 301-309.		
CL	Lader, Malcolm H., MD, "Assessment Methods and the Different Diagnosis of Anxiety", <i>Journal of Clinical Psychopharmacology</i> , (1981), Vol. 1, No. 6, pp. 342-349.		
CM	Winslow, R., "Novartis Drug Alters Picture for Diabetes" <i>Wall Street Journal</i> , Wed., December 27, 2000, p. B2.		
CN	Ansorge, S., et al., "Membrane-bound peptidases of lymphocytes: Functional implications", <i>Biomed. Biochim. Acta</i> 50 (1991) 4-6, pp. 799-807.		
CO	Dodge, R.W., et al., "Folding and Unfolding Kinetics of the Proline-to-Alanine Mutants of Bovine Pancreatic Ribonuclease A," <i>Biochemistry</i> 1996, 35, pp. 1548-1559.		
CP	Demuth, Hans-Ulrich, "Recent Developments in Inhibiting Cysteine and Serine Proteases", <i>J. Enzyme Inhibition</i> , 1990, Vol. 3, pp. 249-278.		
CQ	Gomez, S., et al., "Relationship between endo- and exopeptidases in a processing enzyme system: Activation of an endoprotease by the aminopeptidase B-like activity in somatostatin-28 convertase", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 85 pp. 5468-5472, August 1988.		
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CS	Ishiura, S., et al., "Identification of a putative amyloid A4-generating enzyme as a prolyl endopeptidase," <i>Federation of European Biochemical Societies</i> , Vol. 260, No. 1, pp. 131-134, January 1990.		
CT	Kräusslich, Hans-Georg, et al., "Viral Proteinases", <i>Ann. Rev. Biochem.</i> 1988, 57 pp. 701-754.		
CU	Pederson, R.A., et al., "Improved Glucose Tolerance in Zucker Fatty Rats by Oral Administration of the Dipeptidyl Peptidase IV Inhibitor Isoleucine Thiazolidide", <i>Diabetes</i> , Vol. 47, August 1998 pp. 1253-1258.		
CV	Vanhoof, G., et al., "Proline motifs in peptides and their biological processing", <i>The FASEB Journal</i> , Vol. 9, June 1995, pp. 736-744.		
CW	Walter, R., et al., "Proline Specific Endo- and Exopeptidases", <i>Molecular &amp; Cellular Biochemistry</i> , Vol. 30, No. 2, April 18, 1980, pp. 111-127		
CX	Kessler, Von Horst. "Konformation und biologische Wirkung von cyclischen Peptiden", <i>Angew. Chem.</i> 94 (1982) pp. 509-520.		
Examiner: <i>CHL</i>		Date: <i>10/25/04</i>	

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